

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES  
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Canceled)
2. (Currently amended) ~~Stent according to The stent of claim [[1]] 6,~~  
~~characterized in that wherein the ring segments define the wave crests (7)~~  
~~on one hand and the wave valleys (8) on the other hand, with the wave~~  
~~crests and wave valleys of adjacent ring segments (3) oppose confronting~~  
~~one another frontally.~~
3. (Canceled)
4. (Currently amended) ~~Stent according to one of the claims 1 to 3,~~  
~~characterized in that The stent of claim 6, wherein the connections (14, 15)~~  
~~of the connectors (9, 10), arranged successively in the longitudinal stent axis~~  
~~(4) are linked to the arcuate sections [(4)] by connections, with the~~  
~~connections of the first connectors and the connections of the second~~  
~~connectors confronting oppose one another frontally.~~
5. (Canceled)
6. (New) A stent, comprising a tubular support frame defining a longitudinal  
axis and expandable from an initial state to an support state, said support  
frame including a plurality of ring segments arranged in succession in a  
direction of the longitudinal axis and formed by struts which are joined  
continuously in a wave-like manner in a circumferential direction of the  
support frame, with the struts being curved arcuately and merging into one  
another via U-shaped arcuate sections, wherein adjacent ring segments are  
linked by first and second connectors which alternate in the circumferential  
direction as well as in the direction of the longitudinal axis and which are  
each formed with a U-shaped compensating section, with the compensating  
sections of the first and second connectors pointing in a same

circumferential direction, wherein the first connectors are longer in length than the second connectors and have arcuate legs disposed on both sides of the compensating sections and curved in the same circumferential direction as the struts.